



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

March 17, 2014

Mr. Mark McNulla
Aeroflex-Metelics
9 Hampshire Street
Lawrence, MA 01840

Dear Mr. McNulla:

Re: Amended Notification of Qualification, MIL-PRF-19500P, Amendment 1, FSC-5961; VQ (VQE-14-027758);
CAGE Code: 52GC4; Control #: 042274.

This letter amends letter # VQE-12-025409 dated November 15, 2012, to add die part numbers that were omitted in the original letter. The omitted die part numbers will be identified with a prefix "°" in this letter only. This change will be reflected in the next update of the QML.

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device types JANKCB1N4148 and JANS1N6642US as allowed by Appendix G, paragraphs 4.1 and 4.3 of Performance Specification MIL-PRF-19500P, Amendment 1, Semiconductor Devices, FSC 5961, and performance specification /116, Rev S. Extension is granted to the other devices listed below as allowed by paragraph E.4.2.2 (Qualification by extension). Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The beginning lot date code is A1135 from wafer lot # 36026. The effective date of this qualification is November 15, 2012.

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
JANHCB1N4148; JANKCB1N4148 ° JANHCB1N914; ° JANKCB1N914 ° JANHCB1N4531; ° JANKCB1N4531	N/A	CHRC	19500-3711-13	/116	Same as above
° JANHCA1N4454; ° JANKCA1N4454 ° JANHCA1N4532; ° JANKCA1N4532 ° JANHCA1N3064; ° JANKCA1N3064	N/A			/144	
° JANHCA1N3600; ° JANKCA1N3600 ° JANHCA1N4150; ° JANKCA1N4150	N/A			/231	
JANHCA1N6638; JANKCA1N6638 JANHCA1N6642; JANKCA1N6642 JANHCA1N6643; JANKCA1N6643	N/A			/578	
JANHCA1N6639; JANKCA1N6639 JANHCA1N6640; JANKCA1N6640 JANHCA1N6641; JANKCA1N6641	N/A			/609	
JANKC quality level only JANHC quality level only					Plant (2): Aeroflex/Metelics-East 55 Grenier Field Road Londonderry, NH 03053 (wafer fabrication)

This qualification approval is based upon test report numbers 19500-3711-13 for your element evaluation report and 19500-2836-10 for your additional JANS data, and your letter dated November 7, 2012. This approval is subject to the conditions stated in SD-6 and DOD 4120.24M.



Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product. If you have any questions on this letter, contact Mr. DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division